

UE 1 EULAR Systemic sclerosis

KSU 1 : Cure

Course Leader : Prof. Eric HACHULLA

Mode : E-learning

Duration : 100h spread on 9 months

ECTS : 8

Assessment : Online, at the end of the course period

Modules :

1. Introduction module :

Systemic sclerosis

Localised scleroderma

Epidemiology

Activity

The natural history of systemic sclerosis and assessment of disease severity and damage

2. Pathogenesis:

Synthesis: early and late pathological events in scleroderma

Vascular disease in systemic sclerosis (SSc)

Synthesis: Fibrosis in systemic sclerosis

Immunological changes in systemic sclerosis

Autoantibodies, autoimmunity

The genetics of systemic sclerosis

3. Clinical manifestations : Skin, peripheral vascular

Skin involvement

Raynaud's phenomenon

Microvascular and macrovascular disease in systemic sclerosis

4. Heart involvement

5. Pulmonary interstitial/vascular involvement

6. Clinical manifestations : GI

7. Clinical manifestations : kidney

Clinical characteristics and biopsy

8. Clinical manifestations : musculoskeletal, disability

9. Management

10. Special conditions